

Title (en)  
VEHICLE INPUT DEVICE

Title (de)  
FAHRZEUGEINGABEVORRICHTUNG

Title (fr)  
DISPOSITIF D'ENTRÉE DANS UN VÉHICULE

Publication  
**EP 3815982 A4 20220105 (EN)**

Application  
**EP 19824604 A 20190516**

Priority  
• JP 2018123440 A 20180628  
• JP 2019019423 W 20190516

Abstract (en)  
[origin: EP3815982A1] A vehicle input device includes: an interior panel (11) that is an opaque plate-shaped member and provides a portion of an interior of a vehicle; and multiple fixing portions (16) for fixing the interior panel to the vehicle. In the interior panel, an operation area portion (11a) in which multiple symbols indicating multiple control contents in accordance with an instruction capable of being provided by an occupant and a non-operation area portion (11b) that is a portion other than the operation area portion are set. On a rear surface side of the operation area portion, a press sensor (12) for detecting a press operation of a user on a switch portion (111) and a vibrator (13) that vibrates the operation area portion in an operation surface orthogonal direction are placed. The switch portion is a portion in which the multiple symbols are placed in a surface of the operation area portion. The operation surface orthogonal direction is a direction orthogonal to the surface of the operation area portion. The vehicle input device includes a controller (15) that specifies an operation content of the occupant based on a detection result of the press sensor and causes the vibrator to vibrate. The multiple fixing portions are placed in the non-operation area portion and are not placed in the operation area portion.

IPC 8 full level  
**B60R 16/02** (2006.01); **B06B 1/04** (2006.01); **B60K 37/06** (2006.01); **G06F 3/01** (2006.01); **G06F 3/041** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP US)  
**B06B 1/045** (2013.01 - EP); **B60K 35/00** (2013.01 - US); **B60K 35/10** (2024.01 - EP); **B60K 35/25** (2024.01 - EP); **G06F 3/016** (2013.01 - EP US); **G06F 3/03547** (2013.01 - EP); **G06F 3/041** (2013.01 - US); **G06F 3/0416** (2013.01 - EP); **G06F 3/0447** (2019.04 - EP); **B60K 35/10** (2024.01 - US); **B60K 35/25** (2024.01 - US); **B60K 35/60** (2024.01 - US); **B60K 2360/139** (2024.01 - EP); **B60K 2360/143** (2024.01 - US); **B60K 2360/1446** (2024.01 - EP); **B60K 2360/34** (2024.01 - EP); **B60K 2360/794** (2024.01 - US); **H01H 2215/05** (2013.01 - EP)

Citation (search report)  
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• [A] DE 102015008571 B4 20170824 - AUDI AG [DE]  
• [A] JP 2017097784 A 20170601 - KYOCERA CORP & US 2019025920 A1 20190124 - TAKEDA JUN [JP]  
• See references of WO 2020003792A1

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